

REMARKS

In the Official Action mailed on **29 May 2007**, the Examiner reviewed claims 1-18. Restriction to one of the following inventions is required under 35 U.S.C. § 121:

- I. Claims 1-3, drawn to an execution unit with XOR operators, the first XOR operator having three inputs, classified in 380, subclass 29.
- II. Claims 4-12 and 16-18, drawn to an execution unit with 3 XOR operators, the first having 2 inputs, classified in class 380, subclass 28.
- III. Claims 13-15, drawn to an execution unit with two XOR operators, the first having two inputs, a NOR operator, and an exclusive-nor operator, classified in class 380, subclass 28.

Restriction Requirement

Applicant hereby elects invention II for examination without traverse. Claims 4-12 and 16-18 read on invention II. Claims 1-3 and 13-15 have been canceled without prejudice. In addition, dependent claims 17 and 18 have been amended to be dependent on independent claim 16. No new matter has been added.

Hence, Applicant respectfully submits that independent claims 4, 7, 10, and 16 are in condition for allowance. Applicant also submits that claims 5-6, which depend on claim 4, claims 8-9, which depend on claim 7, claims 11-12, which depend on claim 10, and claims 17-18, which depend upon claim 16, and are for the same reasons in condition for allowance and for reasons of the unique combinations recited in such claims.

CONCLUSION

It is submitted that the present application is presently in form for allowance. Such action is respectfully requested.

Respectfully submitted,

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